

All Recommendations

Thursday, October 04, 2012 7:19:31 AM

Record #	ABU	Unit	I/R	Item Nbr	Additional Consideration (Recommendation)	ABU Proposal	Resolution	Verifier Comments	Verifier Name	Verified On	Due Date	RR	SOE	Assigned To	Status
17432	Cracking	Butamer/Yard-DIB	2012	1.1.1.2	1. Issue discussed was the possibility of acid based corrosion from non- condensable vapors in E-421 leading to possible tube rupture, overpressure of C-420 from 850# steam leak, fire, explosion, and personnel exposure/injury. Venting high pressure steam to atmosphere creates a potential hazard to personnel. ☐ Consider establishing an appropriate E-421 tube bundle inspection frequency to monitor for acid based corrosion.	Declined. Non-actionable item; the risk meets the Qualitative Risk Goal and current management of risk is consistent with Chevron's guiding principles.					5/17/2013	7	S	Guttchen, Rich	Declined
17433	Cracking	Butamer/Yard-DIB	2012	2.1.1.1	2. Issue discussed was lack of a routine duty to periodically vent non-condensables from reboilers E-401A/B, E-411, E-431, E-1027 and E-1227 leading to potential acid based corrosion, tube failure, LPG leak into condensate system, fire, personnel exposure/injury. ☐ Consider implementing a routine duty to periodically vent non-condensables from reboilers E-401A/B, E-411, E-431, E-1027 and E-1227 through existing line to atmosphere.	Verify that non-condensable vents on reboilers E-401A/B, E-411, E-431, E-1027 and E-1227 are operated appropriately and update procedures. The resolution for this recommendation must mitigate hazards identified in PHA scenarios 2.1.1.1, 3.1.1.1, 4.1.1.1, 5.1.1.1. Please consult with PHA Team Lead for more information.	Reviewed all exception items to understand current operation of non-condesable vents on list equipment. All are equipped and are operated in open position during normal column operation. All have in-line restriction orifices with the exception of E-1027 which must be adjusted via globe valve to maintain a minimum 1-2ft steam plume. LPG trainer assigned to make procedure revisions to ARGN5320 (E-1227), ARGNP5310 (E-1027), DIBN2110 (E-411), DIBN2100 (E-431) and DIBN2105 (E-401A&B). Expect revised procedure to be completed and posted to the EOM db by no later than 3/31/13.			5/17/2013	6	S	Ibarra, Gerardo	In Progress	

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17435	Cracking	Butamer/Yard-DIB	2012	7.4.2.1	3. Issue discussed was the current lack of moisture and sulfur analyzers on V-1301A/B dryer outlet stream leading to potential for water or sulfur breakthrough to V-1310A/B. ☐ Consider completing the current project to install new moisture and sulfur analyzers on V-1301A/B dryer outlets per the project schedule.	Declined. Not a safety issue. This asset item will be managed as a regular business item.					5/17/2013	6	A	Guttchen, Rich	Declined
17437	Cracking	Butamer/Yard-DIB	2012	7.5.1.1	4. Issue discussed was the lack of a method to vent non-condensables from the steam chamber of E-1301 leading to the possibility of an LPG leak into the condensate system, loss of containment, fire, explosion, personnel exposure/injury. ☐ Consider developing and implementing a procedure to routinely isolate and drain the steam from E-1301 after every regeneration."	Consider developing and implementing a procedure to routinely isolate and drain the steam from E-1301 after every regeneration.	Will review the inspection results for this equipment with the reliability inspector and design engineer to determine if a non-condensable vent is necessary and if possible to install one based on the design of this unit. Expect to have a recommendation by no later than 1/31/13.				5/17/2013	6	S	Ibarra, Gerardo	In Progress
17438	Cracking	Butamer/Yard-DIB	2012	8.2.1.1	5. Issue discussed was the lack of a functional sample station on V-1320 offgas line which prevents testing for presence of chlorides. The current sample station is plugged and unusable. ☐ Consider redesigning/repairing existing sample station on V-1320 offgas line.	Declined. Not a safety issue. This asset item will be managed as a regular business item.					5/17/2013	7	A	Guttchen, Rich	Declined

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17439	Cracking	Butamer/Yard-DIB	2012	9.1.1.1	6. Issued discussed was the differential pressure trip point of 47PD006 in Penhex Plant is noted on PID D-320987-13 as 1 PSIG. The team is not certain that two independent pressure transmitters are able to reliability detect a 1 PSIG pressure differential and prevent backflow from the D&R Caustic Scrubber into C-1320 overhead. ☐ Consider reviewing trip point setting of 47PD006 in the Penhex Plant to confirm reliability of initiation of 47AOV006 closing to prevent backflow.	Declined. Not a safety issue. This asset item will be managed as a regular business item.					5/17/2013	9	A	Guttchen, Rich	Declined
17440	Cracking	Butamer/Yard-DIB	2012	11.3.1.1	7. Issue discussed was that the COD table indicates that catalyst damage can occur at 280F and that the R-900 bed TI high temperature alarm is set at 270F; and high high temperature alarm is set at 280F. ☐ Consider reviewing the rationale for the alarm set point of each R-900 reactor bed TI high temperature alarm and adjust if appropriate.	Declined. Not a safety issue. This asset item will be managed as a regular business item.					5/17/2013	7	A	Guttchen, Rich	Declined
17441	Cracking	Butamer/Yard-DIB	2012	13.5.1.1	8. Issue discussed was identification of minor errors on P&IDs. Consider updating P&IDs per PHA redlines. Non-Risk Ranked Actionable Item required to meet regulatory/statutory requirements and/or to be consistent with Chevron's guiding principles.	Update P&IDs per PHA redlines.	DED is actively working on P&ID validations. OA will monitor progress on 2/28/13				5/17/2013			Scalef, Brian R.	In Progress

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17442	Cracking	Butamer/Yard-DIB	2012	13.11.1	9. The team discussed BIN issue related to the V-1301A/B driers Orbit valve selection and maintenance history. The high temperature Orbit valves required for this service require servicing every five years using special materials and techniques. □ Consider having Orbit valve manufacturer or designee recommend and perform routine maintenance of V-1301A/B Orbit valves as required by process conditions.	Declined. Not a safety issue. This asset item will be managed as a regular business item.					5/17/2013			Guttchen, Rich	Declined
17443	Cracking	Butamer/Yard-DIB	2012	13.15.1	10. Issue discussed was piping specification break review. □ Consider reviewing the piping specification breaks associated with the Yard DIB plant equipment to ensure appropriateness for service. Correct P&IDs as needed. Make corrections in field as needed. □ Non-Risk Ranked Actionable Item required to meet regulatory/statutory requirements and/or to be consistent with Chevron's guiding principles.	"Review the piping specification breaks associated with the Yard DIB plant equipment to ensure appropriateness for service. Correct P&IDs as needed. Make corrections in field as needed.□	DED is actively working on piping spec break validations. OA will monitor progress on 2/28/13				5/17/2013			Scaief, Brian R.	In Progress

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17444	Cracking	Butamer/Yard-DIB	2012	13.16.1.11	11. The team discussed deadlegs (non-flowing lines) in the Yard DIB plant piping systems and the potential for increased corrosion rates leading to a loss of containment and personnel exposure. The list of deadlegs is located under the Administration tab of this file, and the list with marked-up P&IDs can be found on the refinery server. ☐ Consider conducting a review of the deadlegs identified in this PHA, and eliminate, establish isolation method and/or inspection frequency for deadlegs as indicated by the review. ☐ Non-Risk Ranked Actionable Item required to meet regulatory/statutory requirements and/or to be consistent with Chevron's guiding principles.☐	Conduct a review of the deadlegs identified in the Yard DIB PHA, and eliminate, establish isolation method and/or inspection frequency for deadlegs as indicated by the review.	<p>Work Plan: Mark Crow had meeting with Dave Dale and the Inspection Group on 6/28/12 to review procedures on how to manage the deadleg information provided by the PHA teams. It was determined that the deadleg action item from each PHA should be assigned to the inspector for the particular unit and closed when the deadlegs have been reviewed and ensured that the inspection plan is appropriate for the line service.</p> <p>Status 9/5/12 Mark Crow (MXEW): Following review with new FER Learn Lead, Scott Curtis, it was agreed that all PHA action items regarding management of dead legs would be assigned to FER Team Lead, who would then manage the item through resolution.</p> <p>Procedures can be found at: O:\Psm\Mod-only\PHAfiles\PHA Team Desk Manual\Managment of Deadlegs identified in PHA</p> <p>List of Deadlegs can be found at: O:\Psm\Mod-only\PHAfiles\2012 Revalidations\2012 Butamer\Dead Leg List with P&IDs</p> <p>Reassigned from Mark Crow to Scott Curtis on 9/5/12.</p>				5/17/2013			Curtis, Scott	In Progress

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17445	Cracking	Butamer/Yard-DIB	2012	13.17.1.	12. The team discussed the BIN 1 recommendation that the superheater power end must not be insulated. Superheater E-1302A/B power end is not currently insulated but this information is not documented in an location readily accessible to operations and maintenance personnel. ☐ Consider installing a tag on E-1302A/B to indicate that the power end must not be insulated. Add this warning information to operation and maintenance manual.	Declined. Not a safety issue. This asset item will be managed as a regular business item.					5/17/2013			Guttchen, Rich	Declined

Totals: 12 Records